S
553.28
O1S
DEC 1954

SHELVED WITH PERIODICALS

STATE DOCUMENTS
Jun 1977

Montana State Library
3 0864 1005 9750 2

MONTANA OIL AND GAS STATISTICAL BULLETIN

Taggart
Mowhinney
Wentworth
Bourque

ADMINISTRATORS

JAMES F. NEELY, Exec. Secretary

JOHN B. FLUGSTAD, Petroleum Engr.

JOHN H. RISKEN, Attorney

COMMISSIONERS

D. E. HAGEMAN, Chairman
2304 Spruce Street
Billings, Montana

J. H. FRERICH, Vice-Chairman
Box 322, Poplar, Montana

E. L. ANDERSON
Box 317,
Cut Bank, Montana

G. W. YODER
215 E. Morrill
Sidney, Montana

TED HAWLEY
Conrad, Montana

THE OIL AND GAS CONSERVATION COMMISSION

VOLUME II, NO. 12 — 2 — DECEMBER, 1954

Production of crude oil and condensate from the oil and gas areas of Montana for the month of December, 1954, averaged 43,673 barrels daily, an increase of 3,580 barrels from the average November production of 40,093.

The ten refineries in the State processed 64,907 barrels of crude oil daily for the month of December, an increase of 8,734 barrels daily from the 56,173 barrels processed daily during the month of November, 1954.

During December, 57 wells were completed, 24 oil, 7 gas wells and 26 dry holes.

During December, the Commission issued 41 permits to drill new wells, a decrease of 4 from the 45 permits issued during November.

STATEMENT OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF DECEMBER, 1954

	TOTAL
IN STORAGE DECEMBER 1ST:	
By Producers	289,828
By Transporters	448,805
By Refiners	374,167
TOTAL STORAGE	1,112,800
PRODUCED DURING MONTH	1,353,866
TOTAL	2,466,666
DISPOSITION:	
Refined in Montana	897,185
Shipped to Other States	474,001
Used for Fuel or Lost	22,310
TOTAL	1,393,496
IN STORAGE DECEMBER 31ST:	
By Producers	268,121
By Transporters	418,111
By Refiners	386,938
TOTAL STORAGE	1,073,170

NATURAL GAS WITHDRAWALS IN MONTANA

Month of December, 1954

Field	M. C. F.
Bears Den	6,065
Big Wall	140
Bowdoin	640,287
Bowes	121,557
Box Elder	----------
Cedar Creek	407,013
Cut Bank (includes Reagan	1,654,655
Devon	----------
Dry Creek	240,715
East Poplar	3,276
Hardin	10,157
Keith Block	48,662
Kevin-Sunburst	105,591
Ragged Point	16
Utopia	76,899
West Sumatra	707
Whitlash Area	137,527
TOTAL	3,453,267

Total withdrawals for December, 1953, were 3,444,272 M.C.F.

PRODUCER'S REPORT

Month of December, 1954

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	890	6,582		6,084	50	1,338
10	Big Wall	22	6,062	26,299		27,777		4,584
4	Border	8		882		882		
10	Bowes	75	7,334	62,246	64,276			5,304
1	Brady-Midway	1	320	157		204		273
1	Brorson (Sidney Area)	2	2,438	6,728	7,517			1,649
1	Cabin Creek	8	2,960	40,780	39,388		1,831	2,521
	Cadmus							
29	Cat Creek	88	7,038	15,541	18,966			3,613
1	Clark's Fork	1	653	2,245		2,348		550
318	Cut Bank	1,096	133,826	232,714	235,155			131,385
3	Deer Creek	7	1,898	18,715	18,262			2,351
	Devil's Basin		875					875
4	Dry Creek	6	1,314	16,586	16,983			917
20	Elk Basin	59	5,840	146,198	143,524			8,514
1	Fertile Prairie	1		7,159		6,524		635
2	Frannie	2	277	1,305	1,087			495
1	Gage	1	216	237				453
5	Glendive	13	4,401	55,878	55,822		438	4,019
1	Golden Dome	1	490	906		808		588
1	Hardin Area	3	542	3,571		2,887		1,226
1	Ivanhoe Dome	2	688	3,166		3,164		690
214	Kevin-Sunburst	1,486	17,195	100,996	103,154		163	14,874
1	Lake Basin	1	1,325	75				1,400
1	Little Beaver	2	1,605	4,700		4,758		1,547
1	East Little Beaver	1	899	2,244		1,743	1,065	335
3	Melstone	5	2,383	8,270		8,521		2,132
3	Mosser	6		1,052		1,052		
2	Pine Unit Area	15	5,786	59,600	56,187		2,574	6,625
109	Pondera	312	16,082	33,779	34,045			15,816
47	Poplar Area	54	31,423	323,985	270,966	61,138	1,656	21,648
2	Ragged Point	3	1,007	1,557		1,760		804
	Rattlesnake Butte		739				739	
2	Reagan	39	3,214	20,620	21,166			2,668
6	Richey	10	5,367	16,636		17,167		4,836
	Sand Creek		65					65
1	Southwest Richey	3	1,189	11,329		11,187		1,331
4	Soap Creek	8	2,185	9,194		8,758	109	2,512
13	Sumatra	42	13,158	92,651		94,541		11,268
4	Sweet Grass Hills	4	755	801		937		619
1	Wibaux Area	1	969	1,412		1,739	8	634
8	Whitlash	21	5,388	16,225	15,538			6,075
	Wolf Creek		51					51
1	Woodrow	1	592	339	470			461
1	Yellowstone	1	389	506		455		440
839	TOTALS	3,415	289,828	1,353,866	1,102,506	264,434	8,633	268,121

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1953	11,895,152	32,589	11,806,873	32,348
First Quarter, 1954	3,165,882	35,176	3,139,622	34,885
Second Quarter, 1954	3,536,508	38,862	3,512,743	38,602
Third Quarter, 1954	3,715,539	40,386	3,683,370	40,037
Fourth Quarter, 1954	3,730,895	40,553	3,713,123	40,360

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December 31, 1953	231,394	501,709	695,206	1,428,309
March 31, 1954	235,678	469,637	620,698	1,326,013
June 30, 1954	245,735	509,681	610,724	1,366.140
September 30, 1954	269,203	422,211	551,952	1,243,366
December 31, 1954	268,121	418,111	656,194	1,342,426

*Includes Wyoming Oil

TRANSPORTER'S REPORT—Month of December, 1954

	Storage First of Month	OIL RECEIVED			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carriers	
ASH CREEK									
Trucks			6,084				6,084		
BIG WALL									
Trucks	2,881		27,777			14,210	12,560		3,888
BORDER									
Trucks			882			882			
BOWES									
Northern Pump Co.	991	15,176			190		14,733		1,244
The Texas Company	2,831	49,101				22,070	27,286		2,576
	3,822	64,277			190	22,070	42,019		3,820
BRADY-MIDWAY									
Trucks			204			204			
BRORSON									
Sun Oil Co.	6,411	7,517					10,158		3,770
CAB. CRK. & PINE UNIT									
Shell Oil Co.		95,574				60,533	8,931		26,110
CAT CREEK									
Continental Oil Co.	7,798	13,007			(17)	16,734			4,088
Wm. Hanlon		5,821				5,821			
	7,798	18,828			(17)	22,555			4,088
CLARK'S FORK									
Trucks			2,348				2,348		
CUT BANK									
Darling Gather. Sys.	2,704	40,142			372	33,527			8,947
Phil. Pet. Co.	95,229	50,026		2,610	1,206	23,749		23,583	99,327
The Tex. Pipeln. Co.	107,736	44,148		46,522	970	89,730		16,530	91,176
Toronto Pipe Line Co.	21,501	60,694			13			55,808	26,374
Union Oil Co.	116,893	40,235		46,789	362	105,673			97,882
	344,063	235,245		95,921	2,923	252,679		95,921	323,706
DRY CREEK									
Ohio Oil Co.	10,598	17,134			112	16,706			10,914
ELK BASIN									
Ohio Oil Co.		143,524				102,663	40,861		
FRANNIE									
Ohio Oil Co.		1,087					1,087		
FERTILE PRAIRIE									
Trucks			6,524				6,524		
GOLDEN DOME									
Trucks			808				808		
GLENDIVE AREA									
The Tex. Pipeln. Co.	6,451	74,120			512	73,605	1,209		5,245
EAST LITTLE BEAVER									
Shell Oil Co.			1,743			1,166	577		
HARDIN AREA									
Trucks			2,887				2,887		
IVANHOE DOME									
Trucks			3,164		2	3,162			
KEVIN-SUNBURST									
Big West Oil Co.	1,976	42,008				41,805			2,179
Homestake Oil & Gas	1,685	4,176			1,328	4,184			349
Texas Pipe Line Co.	12,256	54,257		1,542	163	57,571			10,321
Anna Aronow	235	1,662						1,542	355
	16,152	102,103		1,542	1,491	103,560		1,542	13,204
LITTLE BEAVER									
Shell Oil Co.			4,758			3,214	1,544		
MELSTONE									
Trucks	853		8,521			9,013			361
MOSSER									
Trucks			1,052			1,052			
PONDERA									
Phillips Pet. Co.	38,542	34,247			3,090	57,305			12,394
POPLAR AREA									
East Poplar G. Sys.	4,363	270,966			(1,037)	1,648	269,049		5,669
Plastic Service Lines, Inc.			61,138			13,506	47,632		
	4,363	270,966	61,138		(1,037)	15,154	316,681		5,669
RAGGED POINT									
The Texas Co.	842		1,760			1,760			842
REAGAN									
Union Oil Co.		21,167				21,167			
RICHEY AREA									
Shell Oil Co. & Trucks			17,167			11,583	5,584		
SOAP CREEK									
Trucks			8,758				8,758		
SOUTHWEST RICHEY									
Shell Oil Co.			11,187			7,545	3,642		
SUMATRA AREA									
Trucks	2,778		94,541			94,838			2,481
SWEET GRASS HILLS									
Homestake Oil & Gas Co.	1,549	1,648		12,310	1,499	13,551			457
W. Natural Gas Co.	1,702	12,330			560			12,310	1,162
Trucks			2,498			2,498			
	3,251	13,978	2,498	12,310	2,059	16,049		12,310	1,619
WIBAUX									
Trucks			1,739				1,739		
YELLOWSTONE									
Trucks			455			455			
GRAND TOTAL	448,805	1,099,767	265,995	109,773	9,325	913,130	474,001	109,773	418,111

BARRELS OF CRUDE OIL REFINED IN MONTANA

Month of December, 1954

FIELDS	Big West Oil Co.	Carter Oil Co.	Cont. Oil Company	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Modern Oil Co. Inc.	Phillips Pet. Co.	The Texas Company	Union Oil Co.	TOTAL BY FIELDS
Big Wall		12,844									12,844
Border									1,933		1,933
Bowes				20,232							20,232
Cabin Creek			22,974								22,974
Cat Creek			16,734			6,310					23,044
Cut Bank	34,254							23,846	98,342	106,644	263,086
Dry Creek					17,017						17,017
Elk Basin		70,978	31,685								102,663
East Little Beaver			1,166								1,166
Glendive			11,434		59,978						71,412
Ivanhoe Dome					2,449						2,449
Kevin-Sunburst	27,906								51,535		79,441
Little Beaver			3,214								3,214
Melstone					8,752						8,752
Mosser					1,052						1,052
Pine Unit			32,017								32,017
Pondera								57,158			57,158
Poplar						19,225					19,225
Ragged Point		1,760									1,760
Reagan										21,167	21,167
Richey			11,583			941					12,524
Southwest Richey			7,545								7,545
Sumatra		79,634	11,483								91,117
Sweetgrass Hills	698								20,679	1,561	22,938
Yellowstone					455						455
TOTAL MONT. OIL	62,858	165,216	149,835	20,232	89,703	26,476		81,004	172,489	129,372	897,185
South Dak. Imported			2,518								2,518
Wyoming Oil Imported		556,184	175,468		380,778						1,112,430
TOTAL MONTANA, S. DAK. & WYO. OIL	62,858	721,400	327,821	20,232	470,481	26,476		81,004	172,489	129,372	2,012,133

AVERAGE BARRELS PER DAY

	Montana	So. Dak.	Wyoming	Total
Year, 1953	20,540		33,183	53,723
December, 1953	22,464		30,506	52,970
December, 1954	28,941	81	35,885	64,907

PERCENTAGE OF CRUDE REFINED

	Montana	So. Dak.	Wyoming
	38.2%		61.8%
	42.4%		57.6%
	44.6%	.1%	55.3%